
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: SureCo, Inc.
Product Name: Green Thumb 5.4% Iron Plus

MATERIAL SAFETY DATA SHEET

Wilbur-Ellis Company
Ag. Services Corporate Office
P.O. Box 16458
Fresno, CA 93755

Section 1 Name	Product / Trade Name Green Thumb 5.4% Iron Plus		Chemical Name / Common Name Ferrous Sulfate Monohydrate/Iron Sulfate Ferrous Sulfate Heptahydrate/Zinc Sulfate Manganese Sulphate/Manganese Sulphate Copper Sulphate/Copper Sulphate	
	Emergency Telephone Numbers Wilbur-Ellis Co (209) 226-1934 Chemrec (800) 424-9300			
Section 2 Hazardous Ingredients	Iron Sulfate 5.5%	CAS # 7782-63-0	OSHA PEL 1 mg/m ³	ACGIH TLV 1 mg/m ³
	Zinc Sulfate 1.0%	7733-02-0	NE	NE
	Manganese Sulphate 1.0%	7785-87-7	5 mg/m ³	5 mg/m ³
	Copper Sulphate 1.0%	7758-98-7	1 mg/m ³	1 mg/m ³
Section 3 Physical Data	Flash Point / Method	NA	Melting Point	NA
	Specific Gravity (H ₂ O = 1)	1.2	Vapor Pressure (mmHg)	NE
	Vapor Density (Air = 1)	NE	Solubility in H ₂ O	Soluble
	% Volatiles by Vol.	NE	Odor/Appearance	Sour/Greenish liquid
Section 4 Fire & Explosion Hazard	Extinguishing Media <input checked="" type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> Alcohol Foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other			
	Fire Fighting Precautions & Hazards: Fight fire upwind. Wear pressure demand self-contained breathing apparatus and full protective equipment. Dike to prevent entering drains, sewers, or water courses.			
Section 5 Carcinogen Status	<input type="checkbox"/> OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input checked="" type="checkbox"/> No Listing Type			
Section 6 Reactivity	<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	
	Avoid: Contact with steel or aluminum produces hydrogen. Oxidizer, high temperatures		Hazardous Decomposition Products: CO, CO ₂ , SO _x	
Section 7 Spill or Leak Procedures	Steps to be taken in case of spill: Absorb with inert material and sweep or vacuum into disposal container.			
	Decontamination: Treat area with detergent and water and absorb with inert material. Place in disposal container. Repeat procedure.			
	Environmental hazards. Dike to prevent entering drains, sewers, or water courses.			
	Disposal. Dispose of in accordance with Federal, state and local regulations.			

* Technical Material

NE - Not Established

NA - Not Applicable

Section 8 Health Precaution Data	<p>Ingestion: Acute oral LD₅₀ (rat) Iron Sulfate 1389 mg/kg Zinc sulfate 2200 mg/kg Do not ingest. Wash thoroughly before, eating drinking, or smoking.</p> <p>Inhalation: PEL/TLV 1 mg/m³. Can irritate the respiratory tract. Wear appropriate respiratory protection for exposures above the PEL/TLV.</p> <p>Skin absorption: Can cause skin irritation. Wear personal protective equipment to reduce skin contact.</p> <p>Eye exposure: Keep out of eyes. Can cause eye irritation. If exposed, flush eyes a minimum of 15 minutes with water. Wear eye protection to reduce exposure.</p> <p>Effects of overexposure: Can cause irritation of skin, eyes, respiratory tract, and GI tract. Overexposure may include vomiting, GI disturbances and diarrhea. Pre-existing medical conditions involving the above symptoms may be aggravated by exposure. No known chronic effect.</p> <p>First aid: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, wash with soap and water. For eye exposure, irrigate eyes a minimum of 15 minutes with water. If inhaled, remove victim to fresh air.</p>
Section 9 Special Protection Information	<p>Respiratory protection: Use NIOSH/MSHA-approved respirator for organic vapors for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breath apparatus should be used for confined space entry and exposures above 10 times PEL/TLV.</p> <p>Personal protective equipment:</p> <p>Neoprene or rubber gloves, long-sleeved coveralls and chemical goggles.</p> <p>Ventilation:</p> <p>General</p>
Section 10 Special Precautions	<p>SARA Hazard Class-None.</p> <p>Keep out of the reach of children.</p> <p>Read and follow all label instructions.</p> <p>Do not store in steel or aluminum tanks.</p> <p>Copper and Zinc are SARA 313.</p>

Prepared by: THOMAS L. SLATTERLY, CSP

Date February 8, 1989

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that has all current data relevant to his particular use.

*Technical Material